

The Formwork Experts.

UNiplex plus

Data Sheet

UNiplex plus is a plywood sheet made of high-grade Chinese poplar with film coating on both sides.

Sheet structure

- Film-coated plywood sheet made of Chinese poplar.
- The veneers are full-size or scarf-jointed and arranged crosswise.

Glue-bonding

- Phenolic-resin glue-bonding.
- The glued bond passes the 72 h boiling test to the Chinese standard.

Surfaces

- Both sides phenolic-resin film coating with 120 g or, from 150 x 300 cm format, 220 g per m² and side.
- Edge sealing: Acrylic-resin varnish.

Technical data

Note:

Changes in the wood's moisture content can have effects on the weight, dimensions and mechanical properties of the sheet.

Thickness and weight:

Nominal thickness [mm]	Layers	Weight [kg/m ²]
12	7 - 9	6.0
15	7 - 9	7.5
18	11 - 13	9.0
21	11 - 13	10.5

Formats:

Length [cm]	Width [cm]
244	122
250	125
300	150
540	200

Format tolerances:

	Tolerance
Format	± 1,0 mm/m
Thickness	+ 0.3 / - 1.0 mm

Number of cycles

Possible frequency of use depends on many factors acting on the formwork sheet. Given optimum conditions of use and correct handling, up to **15 use cycles** (guide value) can be achieved.

Notes on use

Ensure that the formwork sheets are treated correctly whenever they are used.

Formwork sheets are subject to the natural swelling and shrinkage of wood associated with moisture absorption and loss in the corresponding climatic conditions.

- Prior to use, always make sure that the wood moisture content of the formwork sheets is matched to that of the surroundings.
- Cover sheets to protect them from extreme climatic influences such as exposure to sunlight or moisture. This reduces cracking.
- Seal cut edges, and around holes, with edge varnish.
- Use a high-quality release agent (e.g. Doka-Trenn or Doka-OptiX).
- Immediately after stripping the formwork, remove concrete residues from the surfaces that were in contact with the concrete.



NOTICE

Do not use pointed or sharp objects, wire brushes, abrasive disks or cup brushes.

Do not use high-pressure spray cleaners.

General information

The data stated here are guide values.

Note:

Follow the directions in the 'Formwork sheets' User Information booklet!

You can download it here:



www.doka.com/multi-ply-formwork-sheets